

Borehole 15-MW-1

Log of Borehole

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Project <u>Vandenberg</u>				8" Hole Depth <u>31 feet</u>		START FINISH	
Location <u>Site #15 ABRES B</u>				12" Hole Depth <u>31 feet</u>		Date <u>4/30/87</u> <u>5/1/87</u>	
Geologic Log by <u>Moore</u>				Depth to Water <u>12.5 feet</u>		Time <u>1148</u> <u>0925</u>	
Driller <u>Fred Carey (Beylik)</u>				Rig <u>CME 55 ATV</u>		How Left <u>Locked,</u>	
Drilling Method <u>Hollow-stem Auger</u>				Bit(s) <u>Finger-tooth Auger Bit</u>		<u>above-ground</u>	
Weather <u>Partly Cloudy, Breezy</u>				TOC Elevation <u>59.3 feet</u>		<u>well completion.</u>	

Depth	Pene. Rate/ Blow Cts	OVA/ Sample	OVA/ Hole	Sample		Lith. Symbol	Geologic and Hydrologic Description	% Core Recovery
				#	Interval			
0								
5	5, 9, 10	0.0	0.0		4-5½		4'-5': Sand (100%), medium grained, well sorted, predominately quartz with k-spar, trace epidote and garnet, subrounded, medium dense, dry, light brown (7.5YR 6/4), (eolian). (SP)	80%
10	15, 20							
10	2, 7, 12		0.0	5346	9-10½		9'-9½': Sand (100%), medium grained, well sorted, quartz, minor k-spar, subrounded, loose, dry. (SP)	50%
15	2, 6, 10							
15	10, 20		0.2	5347	14-15½		9½'-10': Sand (100%), same as above except only very moist, brown (7.5YR 5/2). (SP)	40%
20	5, 5, 50		0.0		19-20½		14'-15½': Sand (100%), fine- to medium-grained, moderately well sorted, quartz, minor k-spar, subrounded, medium dense, saturated with water, brown (7.5YR 5/2), (poor sample recovery due to wetness). (SP)	
25							19'-20½': Lost sample due to water, probably same as above. (SP)	
25			0.2		24-25½		24'-25½': No sample, same as above. (SP)	
30					29-30½		29'-30½': No sample, same as above. (SP)	
35								

OVA background 1.7ppm